AVENGER SLEW TO CUE TABLE TOP TRAINER (AT3)

NSN Not Assigned   DVC 44-93/A AVENGER Table Top Trainer (AT3), (Student Station)
NSN Not Assigned   DVC 44-93/B AVENGER Table Top Trainer (AT3), (Instructor Station)

Student Station

Instructor Station

Training Category/Level Utilized:
   Air Defense/Level 3

Logistic Responsible Command, Service, or Agency:
   PEO STRI

Source and Method of Obtaining:
   Not generally available for issue (limited production)

Purpose of Trainer:
   The Avenger Slew-To-Cue Table Top Trainer is an interactive desktop trainer that provides a deployable system capable of meeting the Air Defense gunnery training requirements. This trainer will provide a basic entry level training system to train crewmembers in engagement techniques (alert, cue, search, detect, acquire, identify, track, and engage).

Functional Description:
   DVC 44-93 is an interactive graphics trainer of the principle features of the Avenger turret/gunner station. The system includes a monitor that presents the out-of-window (canopy) view and the gunner's Forward Looking Infrared (FLIR) display. The system also provides an interface to a tactical gunner hand station, control foot switches, and other Graphical User Interface switches used to simulate gunner controls to allow the gunner to perform air defense engagements. The system provides training for the additional Slew-To-Cue (STC) capabilities. Additionally the training systems can be networked to an instructor station capable of supporting up to eight crew stations at one time. This device will replace DVC 44-73, Avenger Table Top Trainer (AT3).

Physical Information:
   Student station: 2 transit cases
   Crew station case: 29" H x 22" W x 22" D, weight ~ 107 lbs
   Computer case: 17" H x 27" W x 31" D, weight ~ 105 lbs
   Instructor Operator Station: 1 transit case
   IOS case: 18" H x 22" W x 22" D, weight ~ 51 lbs

Equipment Required, Not Supplied:

None

Special Installation Requirements:
None

Power Requirements:
115/220vac, 50/60 Hz

Applicable Publications:
Student Station/Instructor Station Manual: MIS-54524
TM-9-1425-433-10/Operator's Manual for the Avenger Weapon System.

Reference Publications:
None

Training Requirements Supported:
MOS 14S
MOS 14B

Added Improvements/Upgrades:
Recent software and hardware upgrades have been installed through 50% of current Avenger AT3 systems. This upgrade meets current requirements for ongoing Army missions